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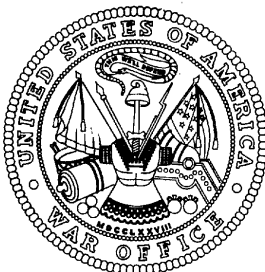
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JOINT PHOTOGRAPHIC INTELLIGENCE MEMORANDUM



RAILROAD YARDS AND SHOPS
STALINSK, USSR



ARMY



CIA

HTA/JM-4/58

25 MARCH 1958

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NIMA / DoD

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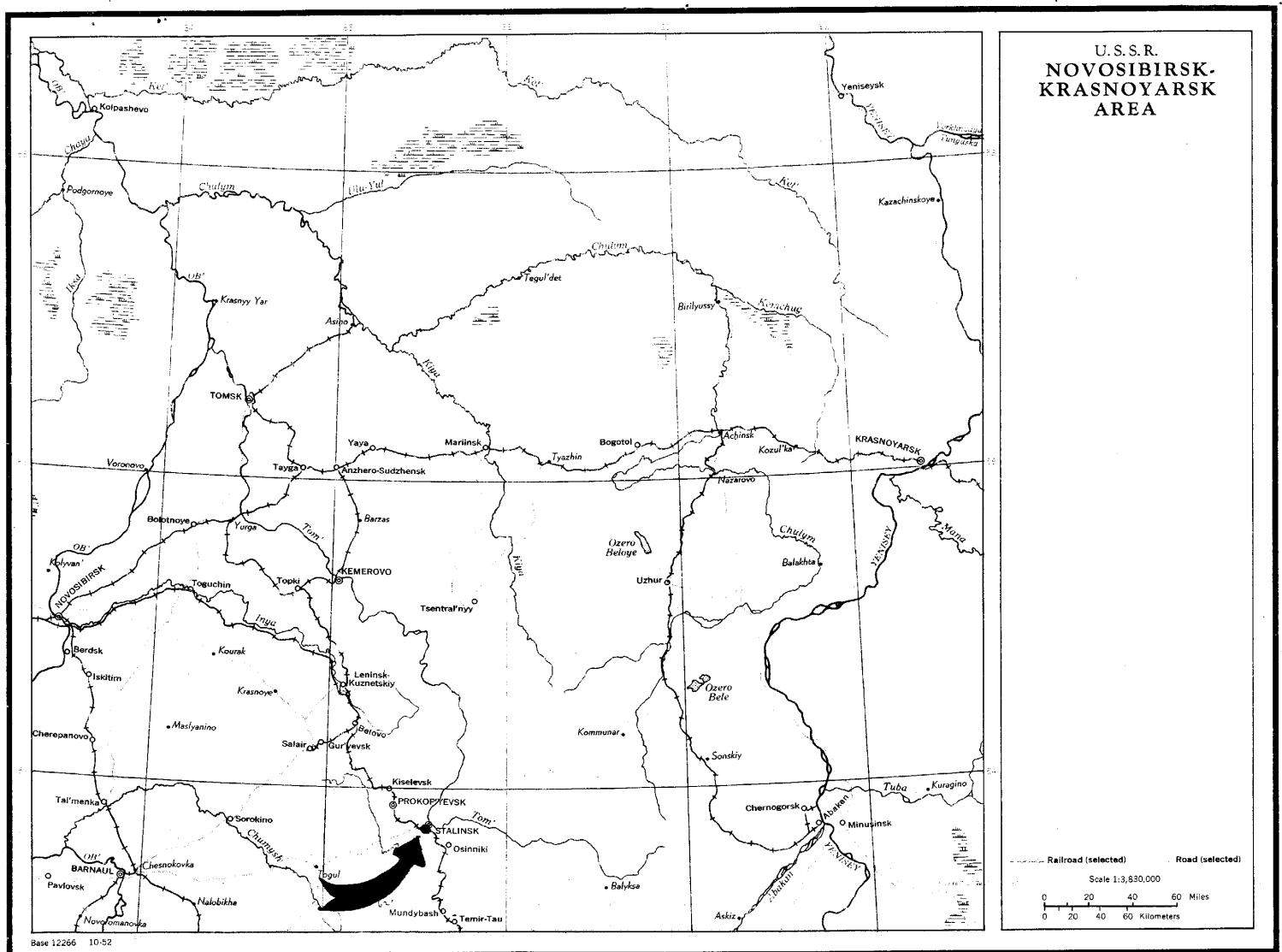
RAILROAD YARDS AND SHOPS

STALINSK, USSR

HTA/JM-4/58

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HTA/JM-4/48

RAILROAD YARDS AND SHOPS

STALINSK, USSR

Stalinsk, a major coal and metallurgical center in the Kuznetsk Basin, is located on the Tom River approximately 200 miles southeast of Novosibirsk and 145 miles east of Barnaul. A double-track electrified rail line connects Stalinsk with Novosibirsk, a junction point on the Trans-Siberian railroad.

The Stalinsk rail complex includes the following major yards and rail facilities: Stalinsk Railroad Yards and Shops "Gorbunovo"; Stalinsk Railroad Station, Classification Yards, and Shops "Novokuznetsk"; and the Stalinsk Railroad Yards and Shops "Kuznetskiy/Stalin". At the time of photography, 0950 local standard time [REDACTED] 12 locomotives and about 1,500 railroad cars were present in the Stalinsk area, in trains or lines of 15 or more cars. Detailed data on these cars and locomotives are presented in Tables 1 through 3.

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Major components of the Stalinsk Railroad Yards and Shops are annotated on the following photographic mosaic and described in the accompanying key.

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KEY TO ANNOTATIONS

STALINSK RAILROAD YARDS AND SHOPS "GORBUNOVO"

1. Two single-track railroad bridges over the Aba River.
2. Holding yard, four tracks wide; 3500' long.
3. Classification yard, electrified, 10 tracks wide; maximum length 4200', average length 2300'.
4. Receiving/forwarding yards, electrified.
Receiving yard, nine tracks wide; maximum length 3300', average length 2000'.
Forwarding yard, seven tracks wide; maximum length 4000', average length 3000'.
5. Transformer station, 130' x 55', with attached building 40' x 25'; served by one rail spur.
6. Railroad car repair facilities.
Railroad car repair yard, five tracks wide, 600' long.
Railroad car repair shop, 370' x 105' (4 tracks enter building).
Two workshops, 170' x 55' and 90' x 40'.
Five other small buildings.
7. Locomotive repair facilities, steam.
Locomotive repair yard, six tracks wide, 1750' long.
Three locomotive repair shops, two 250' x 80' and one 250' x 90' (3 tracks enter each building).
Two workshop buildings, 90' x 65' and 80' x 55'.
Turntable, 65' diameter.
Administrative building, 90' x 40', and eight other small buildings.

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KEY TO ANNOTATIONS (continued)

STALINSK RAILROAD YARDS AND SHOPS "KUZNETSKIY/STALIN"

8. Holding yard, six tracks wide, 1700' long.
9. Two storage yards. One yard has five dead-end tracks, each 1200' long. The other yard contains eight dead-end tracks, each approximately 1500' long, serving two warehouses, 250' x 65' and 200' x 65' and three other small buildings.
10. Classification yard, 15 tracks wide; maximum length 2800', average length 1500'.
11. Holding yard, eight tracks wide, 1350' long.
12. New building under construction, 370' x 80', possibly a car repair facility.
13. Storage yard with 10 dead-end tracks, each 1000' long, and two storage buildings, 320' x 65' and 185' x 55'.
14. Railroad car repair facilities.
 - Railroad car repair yard, 8-10 tracks wide, 2200' long.
 - Railroad car repair shop, 330' x 260' (8-10 through tracks), with attached workshop building, 200' x 65'.
 - Storage building, 200' x 35'.
15. Holding yard, six tracks wide, 2700' long.
16. Holding yard, 6-8 tracks wide, 1600' long, with storage building, 340' x 65'.

STALINSK RAILROAD STATION, CLASSIFICATION YARDS, AND SHOPS,
"NOVOKUZNETSK"

17. Fenced warehouse storage area, 1300' x 280'. Contains 10 storage buildings, 170' x 65', two 90' x 40', 85' x 55', two 80' x 40', two

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KEY TO ANNOTATIONS (continued)

65' x 25', 60' x 35', 55' x 35', and eight small buildings. This area is served by six dead-end rail spurs.

18. Storage area containing eight small buildings, the largest of which is 80' x 50'.
19. Classification yard, 10 tracks wide; maximum length, 3400', average length, 1700'.
20. Passenger station, 145' x 65', adjacent to an overhead foot bridge 250' long.
21. Holding yard, 11 tracks wide, 1850' long. Serves local coal mines.
22. Fenced storage area, 950' x 160'. Contains warehouse, 300' x 55', and six smaller buildings. Area served by three dead-end spurs, 1300' long.
23. Storage area containing a warehouse, 160' x 65', and eight small buildings.

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Table 1. Description of Trains or Lines of 15 or More Cars at Stalinsk, USSR

Cars in Train (number)	Length of Train (feet)	4-Axle Cars (no. and type)	2-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Stalinsk Railroad Yards and Shops "Gorbunovo"</u>				
53	2300	53 Hopper	None	None
31	1300	5 Box 26 Hopper	None	None
63	2500	17 Box 9 Flat 15 Hopper	11 Box 11 Flat	None
65	2660	15 Box 10 Hopper 27 Gondola 13 Flat	None	None
70	2160	7 Box 5 Hopper 17 Flat	17 Box 24 Flat	None
15	690	15 Hopper	None	None
22	850	1 Box 6 Hopper	15 Box	None
53	2400	53 Hopper	None	None
28	1200	28 Hopper	None	None
33	1260	5 Box 17 Hopper	8 Box 1 Flat 2 Tank	1 Electric

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Table 1. Description of Trains or Lines of Cars at Stalinsk' (continued)

Cars in Train (number)	Length of Train (feet)	4-Axle Cars (no. and type)	2-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Stalinsk Railroad Yards and Shops "Gorbunovo" (Cont'd)</u>				
37	1550	2 Box 23 Hopper 3 Flat	5 Box 4 Flat	None
17	750	3 Box 3 Flat 2 Gondola 8 Hopper	1 Flat	None
27	1040	3 Box 8 Hopper 1 Gondola	8 Box 7 Flat	None
20	765	9 Box	8 Box 3 Flat	None
29	1270	11 Hopper 9 Box 3 Tank 6 Flat	None	None
36	1390	16 Box 6 Hopper 1 Flat	13 Box	None
53	2200	7 Box 24 Flat	1 Box 21 Flat	None
49	1840	12 Box 8 Hopper	20 Box 9 Flat	None

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Table 1. Description of Trains or Lines of Cars at Stalinsk (Continued)

Cars in Train (number)	Length of Train (feet)	4 Axle Cars (no. and type)	2-Axle Cars (no. and type)	Locomotives (no. and type)
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Stalinsk Railroad Yards and Shops "Gorbunovo" (Cont'd)

53	2400	12 Box 7 Flat 33 Hopper	1 Box	None
49	2100	13 Box 13 Hopper 8 Gondola 5 Flat	10 Box	None
17	780	14 Gondola 1 Hopper	2 Gondola	1 Steam
51	1800	3 Box 23 Hopper	25 Box	1 Diesel/ Electric
16	600	9 Hopper 2 Flat 1 Box	4 Flat	None

Stalinsk Railroad Yards and Shops "Kuznetskiy/Stalin"

19	670	7 Box 4 Hopper 4 Flat	4 Box	None
33	1150	8 Hopper 4 Box 1 Flat	19 Box 1 Flat	None
27	1100	2 Flat 14 Hopper	10 Box 1 Flat	None

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Table 1. Description of Trains or Lines of Cars at Stalinsk (Continued)

Cars in Train (number)	Length of Train (feet)	4-Axle Cars (no. and type)	2-Axle Cars (no. and type)	Locomotives (no. and type)
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Stalinsk Railroad Yards and Shops "Kuznetskiy/Stalin"(Cont'd)

27	1050	9 Box 3 Flat 4 Hopper	11 Box	None
24	1000	12 Box 1 Gondola 5 Hopper	6 Box	None
27	1100	16 Box 3 Hopper	6 Box 2 Gondola	1 Steam
26	1000	4 Box 3 Flat 3 Gondola	9 Box 7 Flat	None
23	770	5 Hopper 1 Flat	11 Box 6 Flat	None
22	860	5 Hopper 3 Box 2 Gondola	9 Flat 3 Box	None

Stalinsk Railroad Station, Classification Yards, and Shops "Novokuznetsk"

18	780	16 Box	2 Box	None
27	1080	23 Box 3 Hopper	1 Box	None
15	960	15 Passenger	None	1 Diesel/ Electric
15	710	2 Passenger 7 Box	6 Box	1 Steam

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Table 1. Description of Trains or Lines of Cars at Stalinsk (Continued)

Cars in Train (number)	Length of Train (feet)	4-Axle Cars (no. and type)	2-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Stalinsk Railroad Station, Classification Yards, and Shops "Novokuznetsk" (Cont'd)</u>				
23	890	8 Box 2 Hopper 1 Gondola	9 Box 3 Flat	2 Diesel/ Electric
30	1280	4 Flat 17 Box	9 Box	None
16	670	3 Box	10 Flat 3 Box	None
25	970	4 Gondola 8 Box 3 Hopper	10 Box	1 Steam
24	820	8 Box	13 Box 3 Flat	None
48	2000	8 Box 34 Hopper	6 Box	1 Steam
46	1900	46 Hopper	None	None
16	690	3 Box 7 Hopper	6 Box	None
48	1900	5 Box 43 Hopper	None	1 Steam
24	930	9 Box 2 Gondola	13 Box	1 Steam
15	520	7 Box	8 Box	None
<u>1505</u>		<u>1067</u>	<u>438</u>	<u>12</u>

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Table 2. Railroad Cars at Stalinsk, by Yard and Type

Type	Gorbunovo	Kuznetskiy/Stalin	Novokuznetsk	Total
Box	282	134	208	624
Coach	-	-	17	17
Flat	175	38	20	233
Gondola	54	8	7	69
Hopper	371	48	138	557
Tank	5	-	-	5
TOTAL	<u>887</u>	<u>228</u>	<u>390</u>	<u>1,505</u>

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Table 3. 2-Axle and 4-Axle Cars at Stalinsk by Type

Type of Car	2-Axle	4-Axle	Total
Box	307	317	624
Coach	-	17	17
Flat	125	108	233
Gondola	4	65	69
Hopper	-	557	557
Tank	2	3	5
TOTAL	<u>438</u>	<u>1067</u>	<u>1505</u>

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REQUIREMENTS: This Joint Photographic Intelligence Memorandum has been prepared at HTAUTOMAT by CIA with Army assistance to satisfy Army requirements and in partial answer to RR/HTA/E/R71/57 requesting a description of rail facilities on the Barnaul-Stalinsk section of the South Siberian Railroad.

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COORDINATES: 53° 45'N-87° 07'E

B. E. NUMBERS:

None Stalinsk Railroad Yards and Shops,
 "Gorbunovo"

Stalinsk Railroad Station, Classification
Yards, and Shops "Novokuznetsk"

Stalinsk Railroad Yards and Shops
"Kuznetskiy/Stalin"